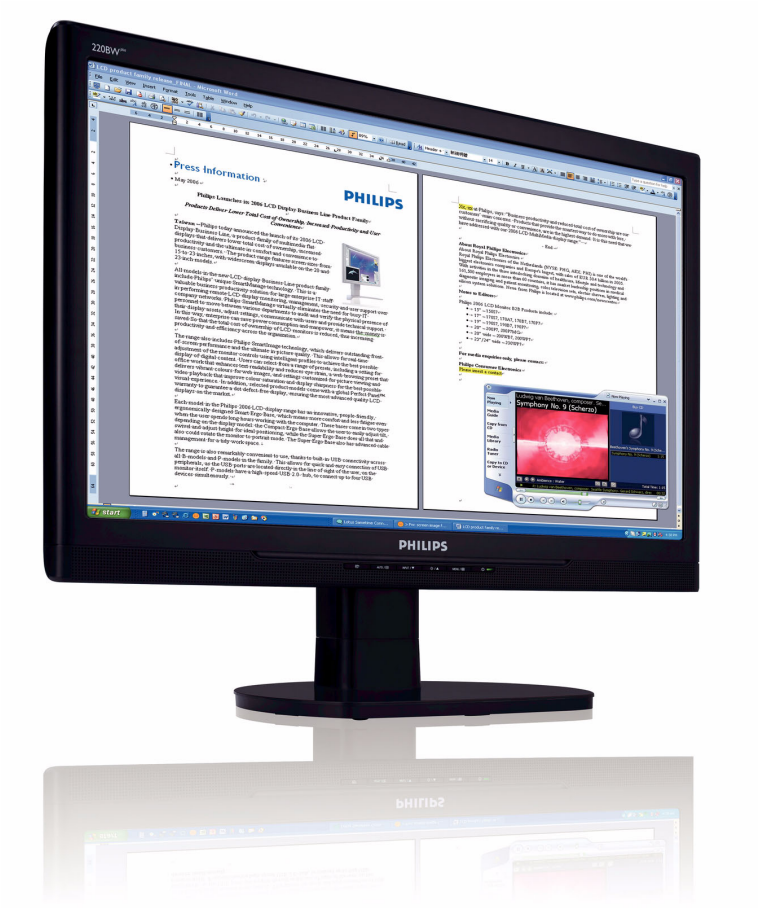

Philips
LCD widescreen monitor

22" wide
WSXGA+

220BW8CB1

Bigger, wider screen: better business productivity

With a big, widescreen, performance-enhancing comfort, value-added convenience features and great cost benefit ratio, the 220BW8-PLUS is the smart choice for business productivity - and is ready for upgrade to Windows Vista.

Designed for maximum productivity
- Big, widescreen ideal for viewing two A4 pages side-by-side
- Tilt, swivel and height-adjust for an ideal viewing position

Outstanding front of screen performance
- WSXGA+, wide format 1680x1050 resolution for sharper display
- SmartImage: For an optimized display experience
- SmartContrast: Dynamic,optimized contrast for visual clarity
- PerfecTune ensures top quality LCD display delivered to you
- DVI-D input and HDCP support

Best total cost of ownership solution
- Complies with RoHS standards to care for the environment
- Power consumption below the industry average

Great convenience
- Built-in speakers for audio without desktop clutter
- Dual input accepts both analog VGA and digital DVI signals

PHILIPS
sense and simplicity

LCD widescreen monitor
22" wide WSXGA+

220BW8CB1/93

Specifications

Picture/Display
- LCD panel type: 1680 x 1050 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 22" / 55.9 cm
- Effective viewing area: 474 x 296 mm
- Pixel pitch: 0.282 x 0.282 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast ratio (dynamic): 3400:1
- Display colors: 16.7 M
- Viewing angle: 160° (H) / 160° (V), @ C/R > 10
- Response time (typical): 5 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1680 x 1050 @ 60Hz
- Recommended Resolution: 1680 x 1050 @ 60Hz
- Video Dot Rate: 205 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 75 Hz
- Aspect ratio: 16:10
- sRGB

Connectivity
- Signal Input: Analog (VGA), DVI-D
- USB: 1 x USB 2.0
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

Convenience
- Convenience Enhancements: On-screen Display
- Monitor Controls: SmartImage, Auto (Back), Input (Down), Volume (Up), Menu (OK), Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, Energy Star, FCC Class B, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, UL/cUL, CCC
- Tilt: -5° to 20°
- Swivel: +/-45°
- VESA Mount: 100 x 100 mm
- Built-in Audio: 1 W x 2

Accessories
- Included Accessories: AC Power Cord, VGA cable, DVI-D cable, Audio Cable
- User Manual

Dimensions
- Box dimensions (W x H x D): 565 x 490 x 173 mm
- Box dimensions in inch (W x H x D): 22.2 x 19.3 x 6.8 inch
- Set dimensions (W x H x D): 451 x 519 x 113 mm
- Set dimensions in inch (W x H x D): 17.8 x 20.4 x 4.4 inch
- Set dimensions with stand (W x H x D): 455 x 519 x 211 mm
- Set dimensions with stand in inch (W x H x D): 17.9 x 20.4 x 8.3 inch
- Height adjustment range: 70 mm
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 5.6 kg
- Product weight (+stand) (lb): 12.3 lb
- Weight incl. Packaging: 6.8 kg
- Weight incl. Packaging (lb): 15.0

Power
- Complies with: Energy Star
- Consumption: < 45 W (Typical)
- Off Mode: < 1 W
- Power LED indicator: Stand by/sleep - Amber, Operation - green
- Power supply: Built-in, 100-240VAC, 50/60Hz

Product highlights

Compact Ergo Base
The Compact Ergo Base is a 'people friendly' Philips monitor base that tilts, swivels and height adjusts so each user can position the monitor for maximum viewing comfort and efficiency.

WSXGA+, wide format 1680x1050
Wide format, super extended graphics array is a display specification that is capable of displaying 1680 x 1050 resolution or approximately 1.7 million pixels.

SmartImage
SmartImage is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

SmartContrast
SmartContrast is Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and optimum contrast for more entertainment fun when viewing videos or playing games where dark hues are displayed; when you select the Economy mode, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

PerfecTune
PerfectTune is industry-leading, proprietary Philips testing and algorithm technology for monitor adjustment and fine tuning, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements from each and every monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of color accuracy and display quality in every new monitor.

HDCP ready
High-Bandwidth Digital Content Protection (HDCP) is a copyright protection system that is incorporated into the DVI connector. It helps stop unauthorized duplication of copyrighted content. HDCP allows you to play protected content media such as movies and concerts. It checks the signal to prevent piracy, allowing only legal copies of content to display.

Compliant with RoHS standards
Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Lower power consumption
Reduction of the electrical power required to operate a device.

Built-in speakers
Audio speakers built into a display device.

Dual input
Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

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